Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 03 Dec 2023 until 23:59 on Monday 04 Dec 2023

Forecast Issued on Saturday 02 Dec 2023 at 11:33

Confidence: High for overall cold conditions, lower for snow detail. Confidence decreasing through the start of next week.

Headline for Sunday 03 Dec 2023: Some snow at first, becoming drier and brighter through the morning.

Mountain weather hazards on Sunday 03 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Light snow	Light snow	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability							
40%	40%	40%	30%	20%	20%	20%	10%

Forecast for Sunday 03 Dec 2023

Weather: Outbreaks of snow will continue through the early hours, heavy at first, particularly in the south, but soon becoming light and patchy. Remaining cloudy for the first part of the morning but then breaking up to allow bright or sunny spells through the rest of the day. Largely clear into the evening.

Chance of cloud-free hill tops above 800m: 10%, improving 40-60% from mid-morning.

Low cloud and visibility: Broken or overcast cloud base 500-700m, occasionally lowering to 400m, breaking to become scattered during the morning, and lifting during the afternoon. Visibility poor in snow or hill fog, moderate or good for the rest of the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 03 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	14/19 SE	9/12 S	9/11 E	8/11 E	6/8 SE	7/9 E	9/12 E	14/18 E	17/21 NE
600	14/20 SE	8/12 S	8/11 SE	8/10 E	6/9 SE	6/8 E	8/11 E	10/14 E	12/17 NE
300	7/15 S	4/9 S	4/8 E	4/7 E	2/5 E	3/6 NE	4/10 NE	5/12 NE	6/14 NE
Valley	5/13 E	4/10 E	5/9 E	5/9 NE	3/7 SE	5/7 NE	6/9 NE	7/13 NE	9/17 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-9	-3/-8	-3/-8	-2/-7	-3/-6	-3/-7	-4/-9	-4/-10	-4/-11
600	-1/-7	-2/-6	-2/-6	-2/-5	-1/-4	-1/-5	-3/-7	-3/-8	-3/-8
300	-0/-4	-1/-4	-1/-3	-1/-3	1/-1	-0/-2	-2/-4	-2/-4	-2/-5
Valley	1/-2	1/-1	1/-2	1/-2	2/0	1/-1	0/-3	1/-2	1/-3
Freezing Level*	300m	400m	300m	300m	400m	300m	200m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold, especially at height, be prepared with appropriate layers and be aware of snow underfoot.

Forecast for Monday 04 Dec 2023

Weather: Patchy low cloud and bright or sunny spells for most of the day on Monday. Low cloud and rain arriving from the east during the evening, falling as sleet or snow above around 600m.

Maximum wind: Northeasterly 10-15 mph, increasing to 20-25 mph gusting 35 mph into the evening.

Chance of cloud-free hill tops above 800m: 60-70%, decreasing to 10% into the evening.

Low cloud and visibility: Few or scattered cloud base 500-700m during the day, becoming broken into the evening. Visibility poor in hill fog or snow, moderate in rain, otherwise good.

Temperature: **Valleys:** Plus 1 to 4 Celsius
At 800m: Minus 4 to minus 2 Celsius
Freezing level: 200-400m, increasing 600m later

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Mountain Weather Forecast

Ground Conditions Supplement
Date: Saturday 2 December. Location: Helvellyn summit at 12:27
Temperature: minus 4.4deg C. Maximum wind speed 19.2mph. Wind chill: minus 12.5 deg C. Average wind speed: 15.2mph

Full report:

A cold and cloudy day in the fells with snow falling to valley levels from mid-morning and beginning to settle quickly. Although snowfall totals are fairly small, there was enough to cover the paths in many places making route finding and navigation very challenging over higher ground.
Some drifting has occurred on moderate south-westerly winds with depths of 20-30cm in places. Cornices are also starting to build around north and east-facing corrie rims.
Ice is present on paths from low elevations, particularly around any drainage lines and some of it is now hidden under today's new snow. Microspikes and/or walking poles are extremely useful in the current conditions.
With subzero temperatures and the potential for further snowfall overnight, anyone heading out tomorrow should anticipate full winter conditions and be suitably clothed and equipped.
Warm and waterproof clothing (plus spare warm layers), hats and gloves, a map, compass, and headtorch are all essential. Goggles may also be very useful for navigation in challenging conditions.
As previously mentioned, microspikes and walking poles are very useful and crampons and an ice axe should be carried if attempting routes over steep and exposed ground.

Issued at: 1753 on Sat 02 Dec 2023

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